TEXAS DEPARTMENT OF WATER RESOURCES Industrial Solid Waste Disposal Compliance Monitoring Inspection

Inspection Cover Sheet (see reverse side for chec	klist use and general instructions)
Compliant	Cexas Permit/Reg. No. 30689
NoncompliantXXX (explain by separate memo)	EPA I.D. No. Plant: TXD00461533 Marine Terminal: TXD008073322
Site Operator Information:	
Name of Company Union Carbide Corporation	
Company's Address P. O. Box 471	
Texas City, Texas	
Site Address 3301 5th Ave. South	
Texas City	County Galveston
Type of Industry Petrochemical manufacturing fr	om natural gas
Indicate below Classes of Waste managed (Hazardou II-II). Generator H, NH, II Transporter H, NH, II freatment H, NH, II Storage H, NH, II	
Site Information (T.S.D. facilities only)	925768
1. Are facilities located outside the 100 year flood plain area?	YesNo_XX
2. Describe land use within one mile Industr	rial, commercial, residential
Inspection Information:	
1. Inspectors Name & Title Fred. C. Dalbey,	Field Rep. Phone No. 713/479-5981
2. Inspection Date: April 6, 1982	
3. Inspection Participants: Mark Tapp, Envi	ronmental Op. Phone No. 713/948-5226
Group Leader; Ted Stiechen, Env. Eng.; Kard	en Droz, TDWR; Charles Dunn, GCHD
Approved: Mexico Cololon Signed: AE District Supervisor	d C. Jalbey
TDWR- (Changed 2/5/92 Towns 14-in-in-town 2015 6	May 1982

Page 1 of 13 of Group I

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(attach, to correct check)

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Reg./Permit No. 30689

INDUSTRIAL SOLID WASTE

Compliance Monitoring Inspection Report

SECTION:	A Paragraph: 1.b.
GCWDA 40 a	cre plant treats dilute and concentrated (after primary treatment) proces
waste stre	ams. Malone disposes of an HoS stream (108970). Chemical Waste Mgt. dis
	-dripolene (111650). Rollins disposes of vinylchloride acetate (112030)-
_acetone (1	10090) wastes. The balance of the wastes is disposed of at GCWDA's land
landfarm c	omplex.
SECTION:	B Paragraph: 1.a.
Inactive O	PDA facilities include a primary sludge pond (OPDA #4), the A-drip pond
(OPDA #2)	and a landfill (OPDA #1). The facilities are considered inactive and
Carbide is	planning final closure for these facilities.
SECTION:	C Paragraph: 3
	s recently added 63 wastes to its registration but has not received the
updated vei	rsion. Most of the added wastes are chemicals listed in 261.33(f) of
40 CFR and	as such are not process wastes.
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INDUSTRIAL SOLID WASTE

Compliance Monitoring Inspection Report

SECTION: A Paragraph: 1
Four in-plant equalization ponds have not been deed recorded. Since the closure
plan stipulates complete removal of contaminants in the ponds, no deed recordation
is required (see attached letter).
SECTION: A Paragraph: 2
Spills are documented in our files. The latest spill (February 4, 1982) resulted
from a break in the pipeline carrying concentrated wastes into the East Lagoon of
the OPDA. Approximately 500 gallons of the waste was lost into Swan Lake. The
line is presently being repaired. During repair, concentrated waste is discharge
into the west end of East Lagoon resulting in a decreased holding period for the
waste in the East Lagoon. (Discharge is normally into the east end of East Lagoon
as shown in OPDA Figure 2). SECTION: H Paragraph: 1
In-plant wastes from tank cleaning and API skimmings are transported to phase-
separator pits at OPDA #1. Since the vacuum trucks go along a public ROW to the
OPDA the wastes are manifested (see tank checklist for description of phase
separator pits).

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Date	April	27,	1982
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INDUSTRIAL SOLID WASTE

Reg./Permit No.___

Compliance Monitoring Inspection Report

SECTION:			Paragraph:	: :	12		
	rounds the west					ll. Dra	inage
	the northeast c						
	The south bor						
	ction system).	•					
into Swan Lak	·	Kulloff 110	ii ciic soucii				
THEO SHAIL CAP	,'C.	·					
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SECTION:		³	Paragraph:_		•		
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Checklist	6	ucraters	Chechlis	t
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Date	3	17	81	**

INDUSTRIAL SOLID WASTE

(Reg./Permit No. 36689

Compliance Monitoring Inspection Report

SECTION:	4	Paragraph:	16.
GCWDA .	\$ necesses west		and off-shout wrote collection:
stormater rece	-off, wash waters,	Princery WEST di	and off-plant waste collection: lute, debite iteam from un. Clemical Whote Hangarent
lagon WLST	. Malue Co. pider	p H, Supote itrea	un Clanical Waste Hangourt
Nciwes his	- Hw.		
<u> </u>			
SECTION:		Paragraph:	7
Drum storage a	roa: consists of two	o drum-holding ra	des (1 for weite oil, 1 for
Chamical west	<u>io) abue a grated,</u>	concrete-curled	des (i for write oil, i for I dock
	U :		
SECTION:	<u>B</u>	Paragraph:	
OFF-PLANT D	IDPOSAL AREA (OPDA)	TO THOSE	and out and capped with
3'of clay (intains sludge from	1°wor); Some	as collection and
1100011	AVOILLES VOS CAVE	LA MARCEL AUTORALEA AK	AA NENA "S
DPDA 411	Daugill is Eller	I and is present	ly being closed out.)
			<u>'</u>
		· · · · · · · · · · · · · · · · · · ·	ATTACHMENT
			- AUMINENT

Checklist Coura Tous
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Date 3 17 81

Reg /Permit No. 30689

INDUSTRIAL SOLID WASTE

Compliance Monitoring Inspection Report

SECTION: G			Paragraph:	2	
Rosidue To	ruh #1	(identified	ش ± 36 مر	Key to Pla	t Plans on
Part A, Peru	tadeno ti	in there	d signs of	over fill:	dried, Hack
theaks on a	retaide of	tank, Cu	<u>wington sir</u>	I that the	Euse was an
greater erro	n. This t	tuk is used	to Cold wa	ite oil (pri	marily Class I
um-hazarder	s))
SECTION:			Paragraph:		
					
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SECTION:			Paragraph:		
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					71277

Attachment 1

Union Carbide Corporation

Page -2-11-6-80

- Samples marked: (4) Ion Exchange Resin Bldg. No. 224 10-15-80
 - (5) Center Press Sludge B-79 10-15-80 0830 By Hunter
 - (6) Poly Inc Feed_VA-5 10-14-80 9:00 PM (Ethylene Diacetate

stream)

Received: 10-16-80

ANALYSIS

	Sample (4)	Sample (5)	Sample (6)
Appearance	Brown resin beads	Very dark, viscous oily liquid	Very dark liquid, partially miscible with water
pH	Not applicable	4.85	2.3
*Flash Point, °F	Not applicable	None below 140	136
**Corrosivity, mmpy	0.009	4.454	0.685
By Atomic Absorption	Results in mg/l c	of leachate*	
Arsenic, As Barium, Ba Cadmium, Cd Chromium, Cr Lead, Pb Mercury, Hg Selenium, Se	<pre></pre>	0.02 0.1 < 0.02 50 0.3 < 0.002 < 0.05	< 0.01 < 0.1 < 0.02 2.2 < 0.2 < 0.002 < 0.01
Silver, Ag	< 0.05	< 0.1	< 0.05

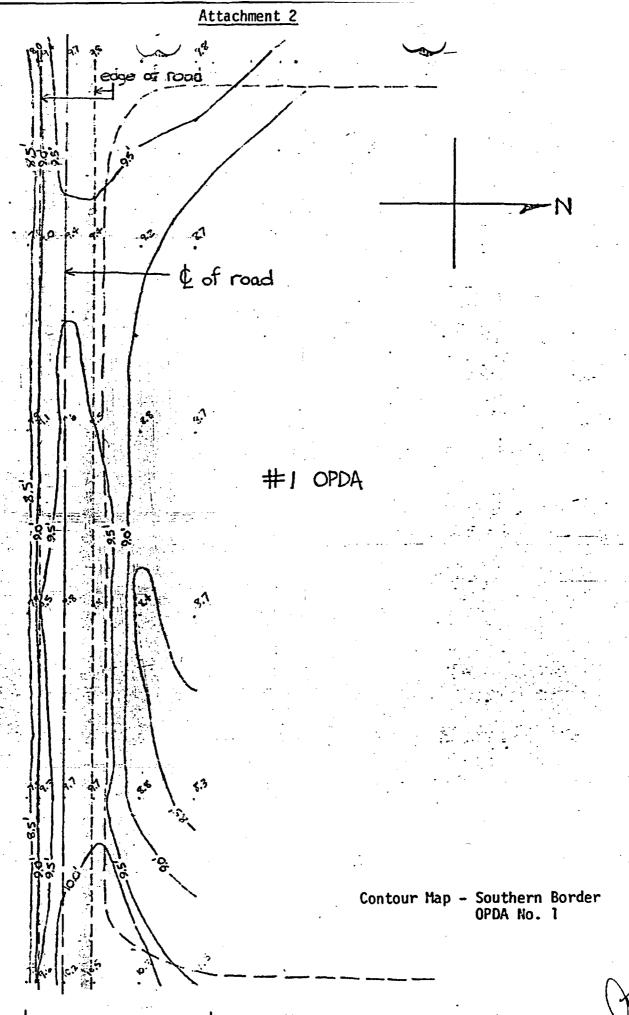
^{*}Federal Register, May 19, 1980

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^{**}Following guidelines in NACE Standard TM-01-69 (1976 revision) using SAE1020 corrosion coupons at 55°C.



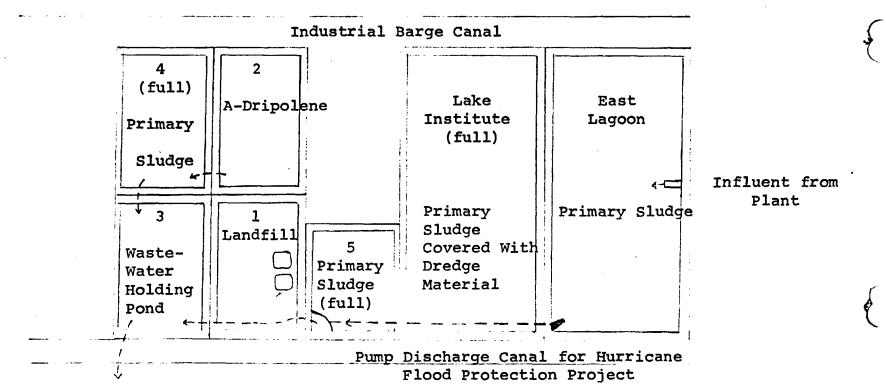
My 38

Union Carbide



280 Acre Disposal Facility

OPDA



GCWDA - 40 Acre Facility

Settling or Emulsion-Breaking Ponds For Oily Wastes

